### **Table H. - Engineering Index Properties**

Henry County, Virginia

Absence of an entry indicates that the data were not estimated.

Maria Orimata al			Class	ification	Frag	ments	Per	cent Passin	g Sieve Nun	nber	I described	District
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	In	•	•		Pct	Pct	•	•	•	•	Pct	
1B:												
Ayersville	0-8	Gravelly Silt Loam	CL	A-4	0	0-8	65-85	55-75	45-75	35-70	23-41	7-19
		Gravelly Loam	CL-ML	A-6								
			SC	A-7-6								
			SC-SM									
	8-22	Gravelly Clay Loam	CL	A-6	0	8-0	65-95	55-85	45-85	35-80	27-44	12-25
		Gravelly Loam	SC	A-7								
		Gravelly Silt Loam										
		Gravelly Silty Clay Loam										
		Loam										
	22-26	Very Gravelly Loam	CL-ML	A-2-4	0-8	5-15	30-65	20-55	15-55	10-50	18-32	4-13
		Extremely Gravelly Silt Loam Very Gravelly Silt Loam	GC	A-4								
	26-30	Bedrock										
	30-34	Bedrock										
Mayodan												
Stoneville												
Creedmoor												
Leaksville												

1C:



Henry County, Virginia

Man Ormalial			Class	ification	Frag	ments	Per	cent Passin	g Sieve Nur	mber	I i an ai ai	District
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	In	•			Pct	Pct			.1.		Pct	<u>.</u>
1C:												
Ayersville	0-8	Gravelly Silt Loam Gravelly Loam	CL CL-ML SC SC-SM	A-4 A-6 A-7-6	0	0-8	65-85	55-75	45-75	35-70	23-41	7-19
	8-22	Gravelly Loam Gravelly Silt Loam Loam Gravelly Silty Clay Loam Gravelly Clay Loam	CL SC	A-6 A-7	0	0-8	65-95	55-85	45-85	35-80	27-44	12-25
	22-26	Very Gravelly Silt Loam Very Gravelly Loam Extremely Gravelly Silt Loam	CL-ML GC	A-2-4 A-4	0-8	5-15	30-65	20-55	15-55	10-50	18-32	4-13
	26-30	Bedrock										
	30-34	Bedrock										
Mayodan												
Stoneville												
Creedmoor												
Leaksville												

2B:



Henry County, Virginia

Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	- Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In	•	•	•	Pct	Pct	•	•	•		Pct	
2B:												
Buckhall	0-9	Loam	SC	A-2-4	0	0-3	85-100	80-100	50-95	25-75	21-35	6-13
		Sandy Loam	SC-SM									
	9-12	Clay Loam	CL	A-6	0	0-3	85-100	80-100	65-100	30-80	24-49	9-28
		Sandy Clay Loam	SC	A-7								
		Loam										
	12-46	Clay Loam	CL	A-7-6	0	0-3	85-100	80-100	70-100	55-95	43-67	25-44
		Clay										
	46-65	Sandy Clay Loam	CL	A-2	0	0-3	85-100	80-100	50-100	25-80	20-49	6-28
		Sandy Loam	CL-ML	A-4								
		Clay Loam	SC	A-6								
			SC-SM									
Clifford												
2C:												
Buckhall	0-9	Sandy Loam Loam	SC SC-SM	A-2-4	0	0-3	85-100	80-100	50-95	25-75	21-35	6-13
	9-12	Sandy Clay Loam	CL	A-6	0	0-3	85-100	80-100	65-100	30-80	24-49	9-28
		Loam	SC	A-7								
		Clay Loam										
	12-46	Clay	CL	A-7-6	0	0-3	85-100	80-100	70-100	55-95	43-67	25-44
		Clay Loam										
	46-65	Sandy Loam	CL	A-2	0	0-3	85-100	80-100	50-100	25-80	20-49	6-28
		Clay Loam	CL-ML	A-4								
		Sandy Clay Loam	SC	A-6								
			SC-SM									
Clifford												

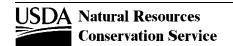
3E:



Henry County, Virginia

Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	- Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In		1		Pct	Pct			•		Pct	<u> </u>
3E:												
Buffstat	0-2	Channery Fine Sandy Loam Channery Loam	GM ML	A-4	0	8-15	75-95	65-85	45-85	25-75	19-35	3-13
		Channery Silt Loam	SM									
	2-40	Channery Silty Clay Loam	CH	A-7-6	0	0-15	75-100	65-100	60-100	55-95	43-67	25-44
		Silty Clay Loam Clay	CL									
		Silty Clay										
	40-44	Bedrock										
Bugley	0-2	Channery Loam	CL	A-4	0-2	8-15	70-95	65-85	55-85	40-75	19-41	3-19
		Channery Silt Loam	GC	A-6								
			GM ML									
	2-10	Very Channery Silt Loam	CL	A-1	0-2	15-30	40-75	30-65	25-65	20-60	20-44	6-25
		Channery Silt Loam	GC	A-2								
		Extremely Channery Silt	SC	A-4								
		Loam		A-6								
	10-14	Bedrock										
Clifford												
Rock outcrop												
Littlejoe												

4B:



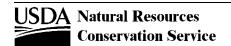
Map Symbol			Classi	fication	Frag	ments	Per	cent Passino	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	ln		•		Pct	Pct	•	•			Pct	
4B:												
Clifford	0-7	Loam	CL	A-2-4	0	0-3	90-100	80-100	50-95	25-75	19-41	3-17
		Fine Sandy Loam	CL-ML	A-4								
		Sandy Loam	SC SM									
	7-52	Clay Loam	CH	A-7-6	0	0-3	90-100	80-100	70-100	55-95	43-63	25-40
		Clay	CL									
	52-62	Sandy Loam	CL-ML	A-2	0	0-3	90-100	80-100	50-100	25-80	20-40	6-21
		Clay Loam	SC	A-4								
		Loam	SC-SM	A-6								
		Sandy Clay Loam										
Minnieville												
Dyke												
Delanco												
4C:												
Clifford	0-7	Fine Sandy Loam	CL	A-2-4	0	0-3	90-100	80-100	50-95	25-75	19-41	3-17
		Loam	CL-ML	A-4								
		Sandy Loam	SC									
			SM		_							
	7-52	Clay	CH	A-7-6	0	0-3	90-100	80-100	70-100	55-95	43-63	25-40
	52-62	Clay Loam	CL CL-ML	A-2	0	0-3	90-100	80-100	50-100	25-80	20-40	6-21
	52-62	Loam Clay Loam	SC	A-2 A-4	U	0-3	90-100	80-100	50-100	25-80	20-40	0-21
		Sandy Clay Loam	SC-SM	A-4 A-6								
		Sandy Loam	00-0101	7-0								
Minnieville												
Dyke												



Henry County, Virginia

Mars Ormalisal			Classi	fication	Fragi	ments	Per	cent Passing	g Sieve Num	nber	Limital	Disatists
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Liquid Limit	Plasticity Index
4C:	ln				Pct	Pct					Pct	
Delanco												
4D: Clifford	0-5 5-33	Fine Sandy Loam Loam Sandy Loam Clay Loam	CL CL-ML SC SM CH	A-2-4 A-4 A-7-6	0	0-3	90-100	80-100 80-100	50-95 70-100	25-75 55-95	19-41 43-63	3-17 25-40
	33-62	Clay Sandy Clay Loam Loam Sandy Loam Clay Loam	CL CL-ML SC SC-SM	A-2 A-4 A-6	0	0-3	90-100	80-100	50-100	25-80	20-40	6-21
Minnieville												
Dyke												
Spriggs												
Delanco												
Orenda												
Woolwine												

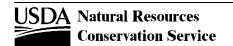
4E:



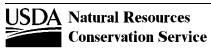
Henry County, Virginia

Mars Oversland			Class	fication	Frag	ments	Per	cent Passin	g Sieve Nun	nber	Limite	Disatisit
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	In	•	•		Pct	Pct					Pct	<u>'</u>
4E:												
Clifford	0-5	Loam Sandy Loam Fine Sandy Loam	CL CL-ML SC SM	A-2-4 A-4	0	0-3	90-100	80-100	50-95	25-75	19-41	3-17
	5-33	Clay Loam Clay	CH CL	A-7-6	0	0-3	90-100	80-100	70-100	55-95	43-63	25-40
	33-62	Sandy Clay Loam Clay Loam Loam Sandy Loam	CL-ML SC SC-SM	A-2 A-4 A-6	0	0-3	90-100	80-100	50-100	25-80	20-40	6-21
Minnieville												
Dyke												
Spriggs												
Delanco												
Orenda												
Woolwine												

5A:



Man Cumhal			Classi	fication	Frag	ments	Per	cent Passin	g Sieve Nun	nber	المنسنا	Dlastiaitu
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	In	•			Pct	Pct					Pct	
5A:												
Codorus	0-8	Silt Loam Loam	CL	A-4 A-6	0	0	90-100	80-100	70-100	50-90	29-43	9-17
	8-47	Clay Loam Silty Clay Loam Loam Silt Loam	CL	A-6	0	0	90-100	80-100	70-100	50-95	27-44	12-25
	47-62	Silt Loam Sand Sandy Loam Loam	CL CL-ML ML SC	A-2 A-4 A-6	0	0	90-100	80-100	40-100	5-90	0-36	NP-17
Delanco												
Elsinboro												
Colvard												
Poorly drained soils												
6A:												
Colvard	0-12	Fine Sandy Loam Loam Sandy Loam	SC SC-SM	A-2 A-4	0	0	95-100	85-100	50-95	25-75	21-33	4-12
	12-43	Fine Sandy Loam Sand Loam Sandy Loam	SC SC-SM SM	A-2 A-4	0	0-2	95-100	85-100	40-95	5-75	16-31	1-12
	43-62	Sand Gravelly Sand Sandy Loam Fine Sandy Loam Loam	SC SC-SM SM	A-1 A-2 A-4	0	0-5	60-100	50-100	25-95	2-75	16-31	1-12



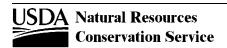
Henry County, Virginia

Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Num	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In		•	•	Pct	Pct					Pct	<u>.                                      </u>
6A:												
Poorly drained soils												
Codorus												
Delanco												
Elsinboro												
7B:												
Creedmoor	0-11	Loam Sandy Loam Fine Sandy Loam	SC SC-SM SM	A-2 A-4	0	0-2	98-100	95-100	55-95	30-75	19-35	3-13
	11-47	Silty Clay Loam Clay	CH CL	A-7-6	0	0-2	98-100	95-100	90-100	80-95	45-69	25-44
	47-67	Clay Loam Sandy Loam Loam Sandy Clay Loam	CL-ML ML SC SM	A-2 A-4 A-6 A-7	0	0-2	98-100	95-100	55-100	30-80	16-44	2-25
	67-71	Bedrock										
Mayodan												
Ayersville												
Leaksville												
Stoneville												

8A:



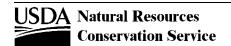
Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In		-		Pct	Pct	•	•			Pct	•
8A:												
Delanco	0-6	Loam	CL	A-4	0	0	90-100	80-100	55-95	30-75	20-39	2-13
	6-46	Fine Sandy Loam Clay Loam	ML CL	A-6 A-6	0	0	90-100	80-100	65-100	30-80	29-46	12-25
	0-40	Sandy Clay Loam	OL	A-0 A-7	U	U	90-100	00-100	03-100	30-00	29-40	12-23
	46-62	Loam	CL	A-6	0	0	90-100	80-100	65-100	30-80	29-42	12-21
		Sandy Clay Loam Clay Loam	SC	A-7								
Poorly drained soils												
Codorus												
Colvard												
Elsinboro												
9B:												
Dyke	0-6	Loam Silt Loam	CL	A-6	0	0-3	90-100	80-100	70-100	50-90	20-39	6-17
	6-65	Clay Clay Loam	CH CL	A-7-6	0	0-3	90-100	80-100	70-100	55-95	43-67	25-44
Clifford												
Minnieville												
9C:												
Dyke	0-6	Silt Loam Loam	CL	A-6	0	0-3	90-100	80-100	70-100	50-90	20-39	6-17
	6-65	Clay Clay Loam	CH CL	A-7-6	0	0-3	90-100	80-100	70-100	55-95	43-67	25-44



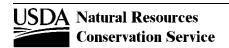
Henry County, Virginia

Map Symbol			Classi	fication	Frag	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Disstinity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	In	•			Pct	Pct					Pct	<u>,                                      </u>
9C:												
Clifford												
Minnieville												
10A:												
Elsinboro	0-7	Sandy Loam	CL	A-2	0	0-3	85-100	80-100	50-95	25-75	21-35	4-12
		Loam	SC	A-4								
	7-51	Fine Sandy Loam Loam	CL	A-6	0	0-3	85-100	80-100	65-100	30-80	27-43	12-24
	7-51	Clay Loam	SC	A-0	U	0-3	03-100	00-100	03-100	30-60	27-43	12-24
		Sandy Clay Loam										
	51-62	Loam	CL	A-2-4	0	0-5	95-100	85-100	50-95	25-75	18-43	4-24
		Fine Sandy Loam	SC	A-4								
		Sandy Loam		A-6 A-7								
				Λ-1								
Colvard												
Poorly drained soils												
Codorus												
Delanco												

11A:



Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In				Pct	Pct					Pct	
11A:												
Leaksville	0-9	Loam	CL	A-4	0	2-20	80-98	70-95	60-95	40-85	21-39	6-17
		Channery Silt Loam	CL-ML	A-6								
		Silt Loam										
	9-18	Silty Clay	CH	A-7-6	0	2-10	90-98	85-95	75-95	60-90	46-70	25-44
		Clay	CL									
	40.04	Clay Loam	01		•	05.50	<b>50.00</b>	05.70	00.70	00.05	00.50	0.00
	18-24	Very Channery Clay Loam	CL	A-6	0	25-50	50-80	35-70	30-70	20-65	22-50	6-29
		Very Channery Silty Clay Loam	GC SC	A-7								
		Extremely Channery Silty	30									
		Clay Loam										
		Very Channery Loam										
	24-30	Bedrock										
	30-34	Bedrock										
Ayersville												
Stoneville												
Creedmoor												
Mayodan												
12C:												
Littlejoe	0-10	Loam	CL	A-4	0	0-5	90-100	85-100	70-100	50-90	23-41	7-19
		Silt Loam	CL-ML	A-6								
	10-42	Clay	CH	A-7-6	0	0-5	90-100	85-100	75-100	65-95	43-67	25-44
		Silty Clay	CL									
	42-46	Bedrock										
Buffstat												



Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Num	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Index
	In		•	•	Pct	Pct	•				Pct	•
12C:												
Bugley												
12D:												
Littlejoe	0-10	Silt Loam Loam	CL CL-ML	A-4 A-6	0	0-5	90-100	85-100	70-100	50-90	23-41	7-19
	10-42	Silty Clay Clay	CH CL	A-7-6	0	0-5	90-100	85-100	75-100	65-95	43-67	25-44
	42-46	Bedrock										
Buffstat												
Bugley												
13B:												
Mayodan	0-5	Loam Sandy Loam Fine Sandy Loam	CL ML SC SM	A-2 A-4	0	0-2	90-100	80-100	50-95	25-75	17-35	2-13
	5-9	Sandy Clay Loam Clay Loam Fine Sandy Loam	CL SC	A-6 A-7-6	0	0-2	95-100	90-100	65-100	35-80	21-50	6-28
	9-47	Clay Loam Clay	CH CL	A-7-6	0	0-2	95-100	90-100	80-100	65-95	43-67	25-44
	47-62	Clay Loam Sandy Clay Loam Sandy Loam Loam	CL SC	A-2 A-4 A-6	0	0-2	95-100	90-100	55-100	25-80	20-44	6-25
Stoneville												
Leaksville												



Henry County, Virginia

Mara Oranah al			Class	ification	Fragi	ments	Per	cent Passing	g Sieve Num	nber	I tanadal	Disatists
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Liquid Limit	Plasticity Index
	In		•	•	Pct	Pct					Pct	
13B: Ayersville												
Creedmoor												
13C:												
Mayodan	0-5	Fine Sandy Loam Loam Sandy Loam	CL ML SC SM	A-2 A-4	0	0-2	90-100	80-100	50-95	25-75	17-35	2-13
	5-9	Sandy Clay Loam Clay Loam Fine Sandy Loam	CL SC	A-6 A-7-6	0	0-2	95-100	90-100	65-100	35-80	21-50	6-28
	9-47	Clay Loam Clay	CH CL	A-7-6	0	0-2	95-100	90-100	80-100	65-95	43-67	25-44
	47-62	Clay Loam Sandy Clay Loam Loam Sandy Loam	CL SC	A-2 A-4 A-6	0	0-2	95-100	90-100	55-100	25-80	20-44	6-25
Stoneville												
Leaksville												
Ayersville												
Creedmoor												

14B:



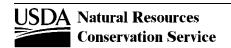
Map Symbol			Classi	fication	Fragi	ments	Per	cent Passino	g Sieve Num	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
14B:	ln	•			Pct	Pct					Pct	
Minnieville	0-6	Loam Silt Loam	CL CL-ML	A-4 A-6	0	0-2	95-100	85-100	70-100	50-90	22-41	6-19
	6-48	Clay Clay Loam	CH CL	A-7-6	0	0-2	95-100	85-100	75-100	60-80	43-67	25-44
	48-62	Loam Clay Loam	CL	A-6 A-7	0	0-2	95-100	85-100	70-100	50-80	31-50	13-29
Spriggs												
Clifford												
Dyke												
Orenda												
14C:												
Minnieville	0-6	Loam Silt Loam	CL CL-ML	A-4 A-6	0	0-2	95-100	85-100	70-100	50-90	22-41	6-19
	6-48	Clay Loam Clay	CH CL	A-7-6	0	0-2	95-100	85-100	75-100	60-80	43-67	25-44
	48-62	Clay Loam Loam	CL	A-6 A-7	0	0-2	95-100	85-100	70-100	50-80	31-50	13-29
Spriggs												
Clifford												
Dyke												
Orenda												
14D:												



Man Orace best			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	I done of all	District
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Liquid Limit	Plasticity Index
	In		•		Pct	Pct	•	•	•	•	Pct	•
14D:												
Minnieville	0-6	Loam Silt Loam	CL CL-ML	A-4 A-6	0	0-2	95-100	85-100	70-100	50-90	22-41	6-19
	6-48	Clay Clay Loam	CH CL	A-7-6	0	0-2	95-100	85-100	75-100	60-80	43-67	25-44
	48-62	Loam Clay Loam	CL	A-6 A-7	0	0-2	95-100	85-100	70-100	50-80	31-50	13-29
		Clay Loam		A-1								
Spriggs												
Clifford												
Dyke												
Orenda												
15C:												
Minnieville	0-6	Loam Silt Loam	CL CL-ML	A-4 A-6	0	0-2	95-100	85-100	70-100	50-90	22-41	6-19
	6-48	Clay Loam Clay	CH CL	A-7-6	0	0-2	95-100	85-100	75-100	60-80	43-67	25-44
	48-62	Loam Clay Loam	CL	A-6 A-7	0	0-2	95-100	85-100	70-100	50-80	31-50	13-29
Urban land												
Spriggs												
Clifford												
Dyke												
Orenda												



Man Cumhal			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	المناسنا	Disatisit
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	In		•		Pct	Pct	•				Pct	
15C:												
16B:												
Orenda	0-5	Loam Fine Sandy Loam Sandy Loam	CL-ML SC	A-2-4 A-4 A-6	0	0-2	90-100	80-100	50-95	25-75	22-35	6-13
	5-30	Loam Clay Clay Loam	CL	A-7-6	0	0-2	90-100	80-100	70-100	50-95	35-67	17-44
	30-62	Sandy Loam Sandy Clay Loam Loam	CL SC SC-SM	A-6 A-7	0	0-2	90-100	80-100	50-95	25-75	24-44	9-25
Spriggs												
Minnieville												
17C:												
Orenda	0-5	Fine Sandy Loam Loam Sandy Loam	CL-ML SC	A-2-4 A-4 A-6	0	0-2	90-100	80-100	50-95	25-75	22-35	6-13
	5-30	Clay Loam Clay Loam	CL	A-7-6	0	0-2	90-100	80-100	70-100	50-95	35-67	17-44
	30-62	Sandy Loam Loam Sandy Clay Loam	CL SC SC-SM	A-6 A-7	0	0-2	90-100	80-100	50-95	25-75	24-44	9-25



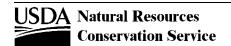
Man Cumbal			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Limuid	Disatisit
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	In	•	<u> </u>		Pct	Pct		<u> </u>	ı		Pct	
17C:												
Spriggs	0-4	Loam Sandy Loam Fine Sandy Loam	CL-ML SC	A-2-4 A-4 A-6	0	0-2	90-100	80-100	50-95	25-75	21-35	6-13
	4-15	Clay Loam Gravelly Clay Loam Loam	CL	A-6	0	0-2	60-100	50-100	40-100	30-80	31-46	13-25
	15-22	Sandy Loam Gravelly Sandy Loam Loam	CL CL-ML SC SC-SM	A-1 A-2-4 A-4 A-6	0	0-2	60-100	50-100	30-95	15-75	20-36	6-17
	22-48	Bedrock										
	48-52	Bedrock										
Minnieville												
17D:												
Orenda	0-5	Sandy Loam Loam Fine Sandy Loam	CL-ML SC	A-2-4 A-4 A-6	0	0-2	90-100	80-100	50-95	25-75	22-35	6-13
	5-30	Clay Loam Loam Clay	CL	A-7-6	0	0-2	90-100	80-100	70-100	50-95	35-67	17-44
	30-62	Sandy Loam Sandy Clay Loam Loam	CL SC SC-SM	A-6 A-7	0	0-2	90-100	80-100	50-95	25-75	24-44	9-25

Map Symbol			Classi	fication	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Index
	In	•	<u> </u>	•	Pct	Pct	•	•		•	Pct	•
17D:												
Spriggs	0-4	Sandy Loam	CL-ML	A-2-4	0	0-2	90-100	80-100	50-95	25-75	21-35	6-13
		Loam	SC	A-4								
		Fine Sandy Loam		A-6								
	4-15	Clay Loam	CL	A-6	0	0-2	60-100	50-100	40-100	30-80	31-46	13-25
		Gravelly Clay Loam										
		Loam										
	15-22	Loam	CL	A-1	0	0-2	60-100	50-100	30-95	15-75	20-36	6-17
		Sandy Loam	CL-ML	A-2-4								
		Gravelly Sandy Loam	SC	A-4								
	00.40	5	SC-SM	A-6								
	22-48	Bedrock										
	48-52	Bedrock										
Minnieville												
17E:												
Orenda	0-5	Sandy Loam	CL-ML	A-2-4	0	0-2	90-100	80-100	50-95	25-75	22-35	6-13
		Loam	SC	A-4								
		Fine Sandy Loam		A-6								
	5-30	Clay	CL	A-7-6	0	0-2	90-100	80-100	70-100	50-95	35-67	17-44
		Clay Loam										
		Loam										
	30-62	Loam	CL	A-6	0	0-2	90-100	80-100	50-95	25-75	24-44	9-25
		Sandy Clay Loam	SC	A-7								
		Sandy Loam	SC-SM									

Map Symbol			Classi	fication	Frag	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	In	•	•	•	Pct	Pct	•			•	Pct	•
17E:												
Spriggs	0-4	Sandy Loam	CL-ML	A-2-4	0	0-2	90-100	80-100	50-95	25-75	21-35	6-13
		Loam	SC	A-4								
		Fine Sandy Loam	0.1	A-6	•							40.0=
	4-15	Loam	CL	A-6	0	0-2	60-100	50-100	40-100	30-80	31-46	13-25
		Clay Loam										
	15-22	Gravelly Clay Loam Loam	CL	A-1	0	0-2	60-100	50-100	30-95	15-75	20-36	6-17
	13-22	Gravelly Sandy Loam	CL-ML	A-1 A-2-4	U	0-2	60-100	50-100	30-95	15-75	20-36	0-17
		Sandy Loam	SC SC	A-2-4 A-4								
		Candy Loann	SC-SM	A-6								
	22-48	Bedrock										
	48-52	Bedrock										
Minnieville												
18B:												
Stoneville	0-5	Silt Loam	CL	A-4	0	0	90-100	85-100	70-100	50-90	19-40	3-18
		Loam	CL-ML ML	A-6								
	5-13	Silt Loam	CL	A-4	0	0	90-100	85-100	70-100	50-90	19-38	3-18
		Loam	ML	A-6								
	13-38	Clay Loam	CH	A-7-6	0	0	90-100	85-100	75-100	60-95	43-67	25-44
		Clay	CL									
		Silty Clay										
		Silty Clay Loam										
	38-48	Silt Loam	CL	A-4	0	0	90-100	85-100	70-100	50-90	20-37	6-18
	40.70	Loam		A-6								
	48-72	Bedrock										
Creedmoor												
Leaksville												



Man Symbol			Classi	ification	Frag	ments	Per	cent Passin	g Sieve Nun	nber	Liquid	Plasticity
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
18B:	In			•	Pct	Pct					Pct	
IOD.												
Ayersville												
Mayodan												
19:												
Udorthents												
Urban land												
Spriggs												
Clifford												
Orenda												
Minnieville												
Woolwine												
20: Udorthents												
Spriggs												
Clifford												
Orenda												
Minnieville												



Henry County, Virginia

Map Symbol			Classi	fication	Fragr	ments	Per	cent Passino	g Sieve Num	nber	Liquid	Plasticity
and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Limit	Index
	ln	•	•		Pct	Pct					Pct	•
20:												
Woolwine												
21B:												
Woolwine	0-5	Loam Sandy Loam Fine Sandy Loam	CL CL-ML ML SC SM	A-2-4 A-4	0	0-2	90-100	80-100	50-95	25-75	19-41	3-17
	5-35	Clay Clay Loam Channery Clay Loam	CH CL	A-7-6	0	0-2	70-100	50-100	45-100	35-95	43-63	25-40
	35-39	Bedrock										
Clifford	0-7	Sandy Loam Loam Fine Sandy Loam	CL CL-ML SC SM	A-2-4 A-4	0	0-3	90-100	80-100	50-95	25-75	19-41	3-17
	7-52	Clay Loam Clay	CH CL	A-7-6	0	0-3	90-100	80-100	70-100	55-95	43-63	25-40
	52-62	Loam Sandy Loam Clay Loam Sandy Clay Loam	CL-ML SC SC-SM	A-2 A-4 A-6	0	0-3	90-100	80-100	50-100	25-80	20-40	6-21
Minnieville												
Rock outcrop												
Woolwine												

21C:



Henry County, Virginia

Mars Ormskal			Class	ification	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	I facilia	District
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	- Liquid Limit	Plasticity Index
	In		•		Pct	Pct	•		•	•	Pct	
21C:												
Woolwine	0-5	Loam Fine Sandy Loam Sandy Loam	CL CL-ML ML SC SM	A-2-4 A-4	0	0-2	90-100	80-100	50-95	25-75	19-41	3-17
	5-35	Clay Clay Loam Channery Clay Loam	CH CL	A-7-6	0	0-2	70-100	50-100	45-100	35-95	43-63	25-40
	35-39	Bedrock										
Clifford	0-7	Sandy Loam Loam Fine Sandy Loam	CL CL-ML SC SM	A-2-4 A-4	0	0-3	90-100	80-100	50-95	25-75	19-41	3-17
	7-52	Clay Loam Clay	CH CL	A-7-6	0	0-3	90-100	80-100	70-100	55-95	43-63	25-40
	52-62	Clay Loam Sandy Clay Loam Sandy Loam Loam	CL-ML SC SC-SM	A-2 A-4 A-6	0	0-3	90-100	80-100	50-100	25-80	20-40	6-21
Minnieville												
Rock outcrop												
Woolwine												

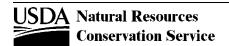
21D:



Henry County, Virginia

Mars Occurbed			Class	ification	Fragi	ments	Per	cent Passin	g Sieve Nun	nber	I family	District
Map Symbol and Soil Name	Depth	USDA Texture	Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Liquid Limit	Plasticity Index
	In		•	•	Pct	Pct	•		•	•	Pct	
21D:												
Woolwine	0-5	Loam Sandy Loam Fine Sandy Loam	CL CL-ML ML SC SM	A-2-4 A-4	0	0-2	90-100	80-100	50-95	25-75	19-41	3-17
	5-35	Channery Clay Loam Clay Loam Clay	CH CL	A-7-6	0	0-2	70-100	50-100	45-100	35-95	43-63	25-40
	35-39	Bedrock										
Clifford	0-5	Loam Sandy Loam Fine Sandy Loam	CL CL-ML SC SM	A-2-4 A-4	0	0-3	90-100	80-100	50-95	25-75	19-41	3-17
	5-33	Clay Clay Loam	CH CL	A-7-6	0	0-3	90-100	80-100	70-100	55-95	43-63	25-40
	33-62	Sandy Clay Loam Sandy Loam Clay Loam Loam	CL-ML SC SC-SM	A-2 A-4 A-6	0	0-3	90-100	80-100	50-100	25-80	20-40	6-21
Minnieville												
Rock outcrop												
Woolwine												

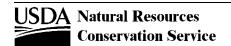
21E:



Henry County, Virginia

Map Symbol and Soil Name		USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid	Diagticit:
	Depth		Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Liquid Limit	Plasticity Index
	In	•	•		Pct	Pct	•	•	•	•	Pct	•
21E:												
Woolwine	0-5	Sandy Loam Loam Fine Sandy Loam	CL CL-ML ML SC SM	A-2-4 A-4	0	0-2	90-100	80-100	50-95	25-75	19-41	3-17
	5-35	Channery Clay Loam Clay Loam Clay	CH CL	A-7-6	0	0-2	70-100	50-100	45-100	35-95	43-63	25-40
	35-39	Bedrock										
Clifford	0-5	Loam Fine Sandy Loam Sandy Loam	CL CL-ML SC SM	A-2-4 A-4	0	0-3	90-100	80-100	50-95	25-75	19-41	3-17
	5-33	Clay Clay Loam	CH CL	A-7-6	0	0-3	90-100	80-100	70-100	55-95	43-63	25-40
	33-62	Loam Sandy Clay Loam Clay Loam Sandy Loam	CL-ML SC SC-SM	A-2 A-4 A-6	0	0-3	90-100	80-100	50-100	25-80	20-40	6-21
Minnieville												
Rock outcrop												
Woolwine												

22C:



Map Symbol and Soil Name		USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid	Diocticit
	Depth		Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200	Liquid Limit	Plasticity Index
	In	_			Pct	Pct					Pct	
22C:												
Woolwine	0-5	Loam Sandy Loam Fine Sandy Loam	CL CL-ML ML SC SM	A-2-4 A-4	0	0-2	90-100	80-100	50-95	25-75	19-41	3-17
	5-35	Clay Clay Loam Channery Clay Loam	CH CL	A-7-6	0	0-2	70-100	50-100	45-100	35-95	43-63	25-40
	35-39	Bedrock										
Urban land												
Clifford												
Minnieville												
Rock outcrop												
DAM: Dam												
W: Water												